

## Embryo Care

Day 0: Collect embryos before 1:00 PM and sort out all fertilized embryos, putting them into clean egg water. It is easier to sort out the fertilized embryos in the late afternoon or early evening, but it can be done at earlier stages of development. Too much debris or unfertilized embryos present in the petri dish could cause poor water quality and may result in death to the fertilized embryos.

Day 0 or Day 1: All embryos going into fish systems must be bleached between 6-30 hours post fertilization. The bleaching protocol is located on the wall next to the bleaching station in each facility. Be sure to put embryos into fresh egg water after bleaching. Once finished, divide embryos into 40 embryos per petri dish for the old facility and 50 embryos per dish for the new facility. **ASSIGN STOCK NUMBERS AND ATTACH ACCURATE LEGIBLE LABELS WITH PROPER FORMATTING.**

Day 1: Remove any unviable embryos (they will be white) and replace egg water if it appears cloudy or has an odor.

Day 2-4: Remove any dead embryos, adjust quantity on label, and replace egg water if it appears cloudy or has an odor.

Day 5: Fish will be transferred onto the nursery racks provided the majority are able to maintain their position in the water column. Petri dishes that do not have correct or legible labels will not be transferred. Larvae that are placed on the “Do Not Transfer” shelves will not be put into the systems. If fish are not transferred on day five, the percent survival will drop each additional day.

